


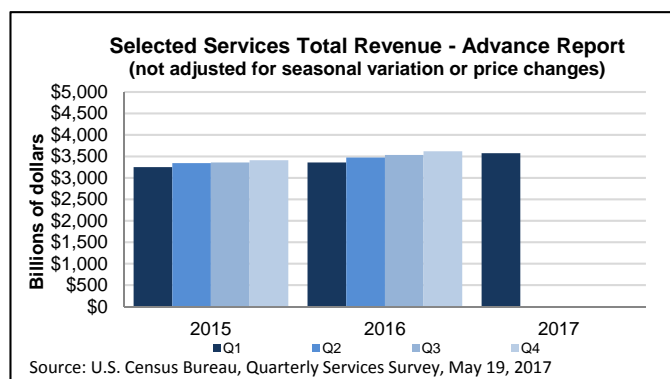
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QUARTERLY SELECTED SERVICES ESTIMATES, FIRST QUARTER 2017 – ADVANCE REPORT

Release Number: CB17-79

May 19, 2017 — The U.S. Census Bureau announced the following selected services estimates for the first calendar quarter of 2017:

 SELECTED SERVICES TOTAL REVENUE – ADVANCE REPORT		
1Q 2017	\$3,572.0 billion	-1.2 %
4Q 2016 (revised)	\$3,616.9 billion	+2.4 %
Next release: June 8, 2017		
Data not adjusted for seasonal variation or price changes Source: U.S. Census Bureau, Quarterly Services Survey.		



Selected Services Total

Advance U.S. selected services total revenue for the first quarter of 2017, not adjusted for seasonal variation or price changes, was \$3,572.0 billion, a decrease of 1.2 percent (± 0.6 percent) from the fourth quarter of 2016 and up 6.4 percent (± 0.4 percent) from the first quarter of 2016. The third quarter of 2016 to fourth quarter of 2016 percentage change was revised from the preliminary estimate of 2.3 percent (± 0.2 percent) to 2.4 percent (± 0.4 percent).

Utilities

Advance U.S. utilities revenue for the first quarter of 2017, not adjusted for seasonal variation or price changes, was \$148.1 billion, an increase of 6.1 percent (± 1.1 percent) from the fourth quarter of 2016 and up 2.7 percent (± 1.7 percent) from the first quarter of 2016. The third quarter of 2016 to fourth quarter of 2016 percentage change was revised from the preliminary estimate of -9.2 percent (± 1.5 percent) to -9.6 percent (± 1.5 percent).

Transportation and warehousing

Advance U.S. transportation and warehousing revenue for the first quarter of 2017, not adjusted for seasonal variation or price changes, was \$214.4 billion, a decrease of 4.1 percent (± 1.1 percent) from the fourth quarter of 2016 and up 3.2 percent (± 1.9 percent) from the first quarter of 2016. The third quarter of 2016 to fourth quarter of 2016 percentage change was revised from the preliminary estimate of -1.2 percent (± 0.9 percent) to -1.1 percent (± 0.9 percent).

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Information

Advance U.S. information sector revenue for the first quarter of 2017, not adjusted for seasonal variation or price changes, was \$372.7 billion, a decrease of 4.4 percent (± 0.2 percent) from the fourth quarter of 2016 and up 4.1 percent (± 1.3 percent) from the first quarter of 2016. The third quarter of 2016 to fourth quarter of 2016 percentage change was revised from the preliminary estimate of 7.4 percent (± 0.6 percent) to 7.3 percent (± 0.4 percent).

Finance and insurance

Advance U.S. finance and insurance revenue for the first quarter of 2017, not adjusted for seasonal variation or price changes, was \$1,112.9 billion, an increase of 1.5 percent (± 1.9 percent)* from the fourth quarter of 2016 and up 7.7 percent (± 1.5 percent) from the first quarter of 2016. The third quarter of 2016 to fourth quarter of 2016 percentage change was revised from the preliminary estimate of 1.1 percent (± 0.4 percent) to 1.4 percent (± 0.8 percent).

Real estate and rental and leasing

Advance U.S. real estate and rental and leasing revenue for the first quarter of 2017, not adjusted for seasonal variation or price changes, was \$162.4 billion, a decrease of 3.7 percent (± 0.9 percent) from the fourth quarter of 2016 and up 8.4 percent (± 1.9 percent) from the first quarter of 2016. The third quarter of 2016 to fourth quarter of 2016 percentage change was revised from the preliminary estimate of 0.9 percent (± 1.5 percent)* to 0.9 percent (± 1.7 percent)*.

Professional, scientific, and technical services

Advance U.S. professional, scientific, and technical services revenue for the first quarter of 2017, not adjusted for seasonal variation or price changes, was \$434.5 billion, a decrease of 3.2 percent (± 1.3 percent) from the fourth quarter of 2016 and up 3.9 percent (± 1.9 percent) from the first quarter of 2016. The third quarter of 2016 to fourth quarter of 2016 percentage change was not revised from the preliminary estimate of 3.7 percent (± 0.9 percent).

Administrative and support and waste management and remediation services

Advance U.S. administrative and support and waste management and remediation services revenue for the first quarter of 2017, not adjusted for seasonal variation or price changes, was \$226.4 billion, virtually unchanged (± 1.5 percent)* from the fourth quarter of 2016 and up 10.8 percent (± 2.7 percent) from the first quarter of 2016. The third quarter of 2016 to fourth quarter of 2016 percentage change was revised from the preliminary estimate of 2.1 percent (± 1.1 percent) to 1.9 percent (± 1.1 percent).

Educational services

Advance U.S. educational services revenue for the first quarter of 2017, not adjusted for seasonal variation or price changes, was \$16.8 billion, an increase of 4.0 percent (± 2.3 percent) from the fourth quarter of 2016 and up 6.8 percent (± 3.6 percent) from the first quarter of 2016. The third quarter of 2016 to fourth quarter of 2016 percentage change was not revised from the preliminary estimate of -0.3 percent (± 3.0 percent).

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percent)*.

Health care and social assistance

Advance U.S. health care and social assistance revenue for the first quarter of 2017, not adjusted for seasonal variation or price changes, was \$626.9 billion, a decrease of 0.6 percent (± 1.5 percent)* from the fourth quarter of 2016 and up 5.8 percent (± 1.3 percent) from the first quarter of 2016. The third quarter of 2016 to fourth quarter of 2016 percentage change was revised from the preliminary estimate of 4.2 percent (± 1.1 percent) to 4.3 percent (± 1.1 percent).

Arts, entertainment, and recreation

Advance U.S. arts, entertainment, and recreation revenue for the first quarter of 2017, not adjusted for seasonal variation or price changes, was \$59.7 billion, a decrease of 11.5 percent (± 2.5 percent) from the fourth quarter of 2016 and up 7.5 percent (± 2.7 percent) from the first quarter of 2016. The third quarter of 2016 to fourth quarter of 2016 percentage change was revised from the preliminary estimate of 0.9 percent (± 3.2 percent)* to 0.8 percent (± 3.0 percent)*.

Accommodation

Advance U.S. accommodation revenue for the first quarter of 2017, not adjusted for seasonal variation or price changes, was \$59.1 billion, an increase of 1.7 percent (± 1.5 percent) from the fourth quarter of 2016 and up 7.0 percent (± 2.3 percent) from the first quarter of 2016. The third quarter of 2016 to fourth quarter of 2016 percentage change was revised from the preliminary estimate of -9.8 percent (± 1.3 percent) to -10.0 percent (± 0.9 percent).

Other services (except public administration)

Advance U.S. other services (except public administration) revenue for the first quarter of 2017, not adjusted for seasonal variation or price changes, was \$138.3 billion, a decrease of 8.5 percent (± 1.9 percent) from the fourth quarter of 2016 and up 11.9 percent (± 1.7 percent) from the first quarter of 2016. The third quarter of 2016 to fourth quarter of 2016 percentage change was revised from the preliminary estimate of 13.4 percent (± 1.3 percent) to 13.1 percent (± 1.5 percent).

Notes

The Advance Quarterly Services Report contains current quarter not seasonally adjusted estimates of revenue for a subset of industries found in the Full Quarterly Services Report. In addition, prior quarter not seasonally adjusted estimates for all items and industry levels have been revised and are available here <www.census.gov/econ/currentdata/?programCode=QSS>. Seasonally adjusted quarterly services estimates have not been revised with this release. For more information on the Advance Quarterly Services Report, please visit <www.census.gov/services/qss/advance_services_faqs.html>.

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Sample Revision

Effective with the November 2017 release for the third quarter of 2017, quarterly services estimates will be based on a new sample and published on a 2012 North American Industry Classification System (NAICS) basis. For more information on the new sample or the impact of adopting the 2012 NAICS definitions, visit www.census.gov/services/qss/faqs.

America's Economy Mobile App

The America's Economy app provides real-time updates for 19 key economic indicators released from the Census Bureau, Bureau of Labor Statistics, and Bureau of Economic Analysis.

www.census.gov/mobile/economy/

API

The Census Bureau's application programming interface lets developers create custom apps to reach new users and makes key demographic, socio-economic and housing statistics more accessible than ever before.

www.census.gov/developers/

Release Schedule

The first quarter 2017 Quarterly Services Report is scheduled for release on June 8, 2017, at 10:00 A.M. EDT. View the full schedule in the Economic Briefing Room: www.census.gov/economic-indicators/.

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*The 90 percent confidence interval includes zero. There is insufficient evidence to conclude that the actual change is different from zero.

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Table A1. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey.]

For additional information see www.census.gov/services

2007 NAICS code ¹	Kind of business	Total revenue (millions of dollars)				Percent change		
		1Q 2017 (a)	4Q 2016 (r)	1Q 2016	4Q 2015	1Q 2017 from 4Q 2016 (a)	1Q 2016 from 4Q 2015	1Q 2017 from 1Q 2016 (a)
	Selected Services Total²	3,572,021	3,616,917	3,357,362	3,409,991	-1.2	-1.5	6.4
22	Utilities³	148,115	139,537	144,235	133,470	6.1	8.1	2.7
48-49	Transportation and warehousing⁴	214,355	223,406	207,733	219,505	-4.1	-5.4	3.2
481	Air transportation	45,230	48,007	46,166	48,404	-5.8	-4.6	-2.0
483	Water transportation	9,996	10,519	9,806	10,664	-5.0	-8.0	1.9
484	Truck transportation	62,911	65,611	61,783	66,175	-4.1	-6.6	1.8
485	Transit and ground passenger transportation	9,096	9,178	8,421	8,628	-0.9	-2.4	8.0
488	Support activities for transportation	45,607	47,043	42,330	44,997	-3.1	-5.9	7.7
492	Couriers and messengers	20,687	22,151	19,803	20,978	-6.6	-5.6	4.5
493	Warehousing and storage	8,858	8,658	7,961	7,979	2.3	-0.2	11.3
51	Information	372,654	389,924	357,909	375,238	-4.4	-4.6	4.1
511	Publishing industries (except Internet)	72,571	79,811	70,972	78,989	-9.1	-10.1	2.3
5112	Software publishers	51,927	56,394	49,809	54,457	-7.9	-8.5	4.3
512	Motion picture and sound recording industries	26,841	27,466	27,125	27,631	-2.3	-1.8	-1.0
517	Telecommunications	151,637	157,207	151,514	154,821	-3.5	-2.1	0.1
5171	Wired telecommunications carriers	79,154	80,145	78,621	79,008	-1.2	-0.5	0.7
5172	Wireless telecommunications carriers (except satellite)	61,954	66,339	62,447	65,216	-6.6	-4.2	-0.8
518	Data processing, hosting, and related services	37,374	37,681	34,212	34,913	-0.8	-2.0	9.2
519	Other information services	44,695	44,753	36,365	38,493	-0.1	-5.5	22.9
52	Finance and insurance⁵	1,112,901	1,096,859	1,032,909	1,036,087	1.5	-0.3	7.7
522	Credit intermediation and related activities	292,074	293,080	279,431	280,396	-0.3	-0.3	4.5
524	Insurance carriers and related activities	632,814	627,202	585,630	584,991	0.9	0.1	8.1
53	Real estate and rental and leasing	162,405	168,637	149,763	156,649	-3.7	-4.4	8.4
531	Real estate	114,316	117,460	103,460	106,732	-2.7	-3.1	10.5
532	Rental and leasing services	38,502	39,913	36,798	39,111	-3.5	-5.9	4.6
54	Professional, scientific, and technical services⁶	434,500	448,922	418,182	423,027	-3.2	-1.1	3.9
5411	Legal services ⁶	65,918	83,438	63,891	77,280	-21.0	-17.3	3.2
5412	Accounting, tax preparation, bookkeeping, and payroll services	53,134	38,163	49,100	35,599	39.2	37.9	8.2
5413	Architectural, engineering, and related services	74,837	77,970	73,210	74,391	-4.0	-1.6	2.2
5415	Computer systems design and related services	91,685	92,253	88,409	88,040	-0.6	0.4	3.7
5416	Management, scientific, and technical consulting services	63,663	65,470	60,792	62,157	-2.8	-2.2	4.7
5418	Advertising, public relations, and related services	25,892	27,007	24,762	25,855	-4.1	-4.2	4.6
56	Administrative and support and waste management and remediation services	226,440	226,392	204,278	208,865	Z	-2.2	10.8
561	Administrative and support services	204,298	203,276	182,957	186,587	0.5	-1.9	11.7
562	Waste management and remediation services	22,142	23,116	21,321	22,278	-4.2	-4.3	3.9
61	Educational services⁷	16,763	16,112	15,699	15,446	4.0	1.6	6.8
62	Health care and social assistance	626,854	630,468	592,319	589,470	-0.6	0.5	5.8
	Health care and social assistance - taxable	310,414	310,520	293,853	293,531	Z	0.1	5.6
	Health care and social assistance - tax-exempt	316,440	319,948	298,466	295,939	-1.1	0.9	6.0
621	Ambulatory health care services	249,170	249,905	234,601	235,600	-0.3	-0.4	6.2
	Ambulatory health care services - taxable	224,903	225,521	211,708	212,587	-0.3	-0.4	6.2
	Ambulatory health care services - tax-exempt	24,267	24,384	22,893	23,013	-0.5	-0.5	6.0
6211	Offices of physicians	121,223	124,331	114,306	117,029	-2.5	-2.3	6.1
6214	Outpatient care centers	33,943	34,216	31,251	30,940	-0.8	1.0	8.6
6215	Medical and diagnostic laboratories	12,311	12,478	11,943	12,026	-1.3	-0.7	3.1
6219	Other ambulatory health care services	8,885	8,913	8,486	8,574	-0.3	-1.0	4.7
622	Hospitals	273,240	272,958	259,509	253,016	0.1	2.6	5.3
	Hospitals - taxable	34,122	33,379	33,267	32,277	2.2	3.1	2.6
	Hospitals - tax-exempt	239,118	239,579	226,242	220,739	-0.2	2.5	5.7
623	Nursing and residential care facilities	59,084	60,580	56,541	57,212	-2.5	-1.2	4.5
	Nursing and residential care facilities - taxable	38,247	38,911	36,558	36,684	-1.7	-0.3	4.6
	Nursing and residential care facilities - tax-exempt	20,837	21,669	19,983	20,528	-3.8	-2.7	4.3
624	Social assistance	45,360	47,025	41,668	43,642	-3.5	-4.5	8.9
71	Arts, entertainment, and recreation	59,677	67,407	55,513	61,497	-11.5	-9.7	7.5
711	Performing arts, spectator sports, and related industries	24,828	32,365	23,215	29,654	-23.3	-21.7	6.9
712	Museums, historical sites, and similar institutions	3,582	4,424	3,126	4,078	-19.0	-23.3	14.6
713	Amusement, gambling, and recreation industries	31,267	30,618	29,172	27,765	2.1	5.1	7.2
721	Accommodation	59,104	58,128	55,250	55,584	1.7	-0.6	7.0
81	Other services (except public administration)⁸	138,253	151,125	123,572	135,153	-8.5	-8.6	11.9
811	Repair and maintenance	40,549	39,972	40,006	39,827	1.4	0.4	1.4
812	Personal and laundry services	27,826	28,443	26,479	26,415	-2.2	0.2	5.1

Table A1. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey.]

For additional information see www.census.gov/services

2007 NAICS code ¹	Kind of business	Total revenue (millions of dollars)				Percent change		
		1Q 2017 (a)	4Q 2016 (r)	1Q 2016	4Q 2015	1Q 2017 from 4Q 2016 (a)	1Q 2016 from 4Q 2015	1Q 2017 from 1Q 2016 (a)

(a) Advance estimate. (r) Revised estimate. Z Absolute value is less than .05.

(1) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2007 NAICS manual or www.census.gov/eos/www/naics/.

(2) Includes NAICS 22 (Utilities), NAICS 48-49 (Transportation and warehousing), NAICS 51 (Information), NAICS 52 (Finance and insurance), NAICS 53 (Real estate and rental and leasing), NAICS 54 (Selected professional, scientific, and technical services),

NAICS 56 (Administrative and support and waste management and remediation services), NAICS 61 (Educational services),

NAICS 62 (Health care and social assistance), NAICS 71 (Arts, entertainment, and recreation), NAICS 721 (Accommodation),

and NAICS 81 (Other services (except public administration)). Exclusions listed in footnotes 3, 4, 5, 6, 7, and 8 also apply to the Selected Services Total.

(3) Excludes government owned utilities.

(4) Excludes NAICS 482 (Rail transportation) and 491 (Postal service).

(5) Excludes NAICS 525 (Funds, trusts, and other financial vehicles).

(6) Excludes NAICS 54112 (Offices of notaries).

(7) Excludes NAICS 6111 (Elementary and secondary schools), 6112 (Junior colleges), and 6113 (Colleges, universities, and professional schools).

(8) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), 81394 (Political organizations), and 814 (Private households).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table A2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/services/qss/cv.html. For NAICS 52, estimates may include unrealized gains (losses).

Table A2. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey.

For additional information see www.census.gov/services]

2007 NAICS code	Kind of business	Coefficient of variation for total revenue				Standard error for percent change		
		1Q 2017 (a)	4Q 2016 (r)	1Q 2016	4Q 2015	1Q 2017 from 4Q 2016 (a)	1Q 2016 from 4Q 2015	1Q 2017 from 1Q 2016 (a)
	Selected Services Total	1.4	1.4	1.4	1.5	0.3	0.2	0.2
22	Utilities	4.1	4.2	3.7	3.9	0.6	0.5	0.9
48-49	Transportation and warehousing	2.6	2.6	2.6	2.5	0.6	0.4	1.0
481	Air transportation	2.8	3.8	4.4	4.4	2.8	0.2	3.3
483	Water transportation	2.9	3.2	3.4	3.6	0.7	1.1	0.7
484	Truck transportation	7.2	7.6	7.9	7.5	0.7	1.0	1.5
485	Transit and ground passenger transportation	6.4	6.2	5.9	5.6	1.0	1.4	1.8
488	Support activities for transportation	6.3	6.5	5.7	5.1	0.6	1.4	1.4
492	Couriers and messengers	1.6	1.6	1.7	1.9	0.2	0.4	0.3
493	Warehousing and storage	6.2	6.8	6.1	4.5	1.8	2.3	2.3
51	Information	1.3	1.3	1.8	1.7	0.1	0.2	0.7
511	Publishing industries (except Internet)	5.5	5.3	5.3	4.9	0.6	0.9	0.8
5112	Software publishers	7.2	6.9	7.0	6.4	0.7	1.3	0.9
512	Motion picture and sound recording industries	3.4	4.0	5.5	4.2	1.3	2.9	3.6
517	Telecommunications	1.7	1.7	2.0	1.8	0.3	0.3	0.4
5171	Wired telecommunications carriers	3.4	3.2	3.8	3.5	0.2	0.4	0.5
5172	Wireless telecommunications carriers (except satellite)	2.5	2.6	2.8	2.7	0.5	0.1	0.7
518	Data processing, hosting, and related services	3.4	3.4	4.0	3.8	0.3	0.6	1.7
519	Other information services	4.4	3.6	4.8	3.9	1.3	1.1	2.5
52	Finance and insurance	4.7	5.3	4.7	4.6	1.0	0.9	0.8
522	Credit intermediation and related activities	4.3	4.5	4.5	4.6	0.2	0.5	1.0
524	Insurance carriers and related activities	7.0	8.0	7.0	6.7	1.8	1.4	1.2
53	Real estate and rental and leasing	4.8	4.8	4.5	4.5	0.5	0.6	1.0
531	Real estate	6.3	6.5	6.4	6.5	0.7	0.9	1.3
532	Rental and leasing services	4.5	4.6	4.1	4.4	1.0	0.9	1.3
54	Professional, scientific, and technical services	1.5	2.1	2.0	2.1	0.7	0.5	1.0
5411	Legal services	3.0	3.7	2.5	3.5	1.3	1.1	2.1
5412	Accounting, tax preparation, bookkeeping, and payroll services	3.4	4.4	3.7	4.6	2.3	3.0	0.8
5413	Architectural, engineering, and related services	4.4	5.5	4.2	4.6	1.8	2.4	3.2
5415	Computer systems design and related services	5.7	5.9	7.6	7.7	0.6	1.2	2.3
5416	Management, scientific, and technical consulting services	5.4	5.4	5.3	5.4	0.9	1.3	0.7
5418	Advertising, public relations, and related services	3.6	3.4	2.9	4.1	0.7	1.6	1.8
56	Administrative and support and waste management and remediation services	1.3	1.3	1.6	1.7	0.8	1.0	1.4
561	Administrative and support services	1.8	1.9	2.2	2.2	0.9	1.1	1.5
562	Waste management and remediation services	3.7	4.0	3.4	4.0	1.0	1.5	1.6
61	Educational services	5.6	5.2	5.5	4.8	1.2	1.6	1.9
62	Health care and social assistance	2.2	1.9	1.9	1.6	0.8	0.9	0.7
	Health care and social assistance - taxable	2.7	2.5	2.5	2.3	0.5	0.4	0.6
	Health care and social assistance - tax-exempt	2.9	2.9	3.2	2.5	1.4	1.5	1.5
621	Ambulatory health care services	2.1	2.0	1.9	1.7	0.4	0.5	0.6
	Ambulatory health care services - taxable	2.6	2.4	2.2	1.9	0.5	0.6	0.7
	Ambulatory health care services - tax-exempt	4.1	4.5	4.0	3.2	0.7	1.0	1.2
6211	Offices of physicians	5.8	5.4	5.4	4.8	1.2	1.2	1.5
6214	Outpatient care centers	3.6	4.2	3.7	3.0	1.1	1.1	2.0
6215	Medical and diagnostic laboratories	4.1	4.1	3.7	4.1	0.9	0.8	1.2
6219	Other ambulatory health care services	5.4	5.7	6.0	5.8	0.5	1.1	1.3
622	Hospitals	3.7	3.7	3.8	3.3	1.7	1.7	1.6
	Hospitals - taxable	10.4	10.6	10.4	10.4	1.6	0.6	1.6
	Hospitals - tax-exempt	3.7	4.0	4.3	3.4	1.8	2.0	1.9
623	Nursing and residential care facilities	4.6	4.6	4.7	4.7	0.6	0.9	0.6
	Nursing and residential care facilities - taxable	6.1	6.3	6.2	6.4	0.7	1.0	0.9
	Nursing and residential care facilities - tax-exempt	2.8	2.6	2.6	2.6	0.5	0.8	0.6
624	Social assistance	3.3	3.0	2.5	2.4	0.8	0.7	1.5
71	Arts, entertainment, and recreation	2.9	3.6	2.9	2.7	1.3	1.0	1.4
711	Performing arts, spectator sports, and related industries	3.5	3.8	3.4	4.5	2.3	1.7	2.3
712	Museums, historical sites, and similar institutions	6.4	5.4	5.0	3.0	4.0	3.3	4.7
713	Amusement, gambling, and recreation industries	5.7	5.3	5.0	4.6	1.7	0.7	2.1
721	Accommodation	2.8	3.5	2.7	3.3	0.8	0.8	1.2
81	Other services (except public administration)	2.4	2.4	2.6	2.3	1.0	1.8	0.9
811	Repair and maintenance	5.0	4.4	3.7	3.9	1.6	1.4	1.8
812	Personal and laundry services	4.5	4.1	4.7	3.6	0.9	1.4	2.0

Table A2. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey.
For additional information see www.census.gov/services]

2007 NAICS code	Kind of business	Coefficient of variation for total revenue				Standard error for percent change		
		1Q 2017 (a)	4Q 2016 (r)	1Q 2016	4Q 2015	1Q 2017 from 4Q 2016 (a)	1Q 2016 from 4Q 2015	1Q 2017 from 1Q 2016 (a)

(a) Advance estimate. (r) Revised estimate.

Note: Estimated measures of sampling variability are based on data not adjusted for seasonal variation, and should be used when drawing inferences about both adjusted and not adjusted estimates. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/services/qss/cv.html.

Table A4. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

 [Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

2007 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		1Q 2017 (a)	4Q 2016 (r)	3Q 2016	2Q 2016	1Q 2016	4Q 2015	1Q 2017 from 4Q 2016 (a)	4Q 2016 from 3Q 2016 (r)	1Q 2017 from 1Q 2016 (a)	4Q 2016 from 4Q 2015 (r)	2017 (a)	2016	2017 from 2016 (a)
	Selected Services Total²	3,572,021	3,616,917	3,533,145	3,471,049	3,357,362	3,409,991	-1.2	2.4	6.4	6.1	3,572,021	3,357,362	6.4
22	Utilities³	148,115	139,537	154,305	128,480	144,235	133,470	6.1	-9.6	2.7	4.5	148,115	144,235	2.7
2211	Electric power generation, transmission and distribution	X	110,085	134,135	107,902	109,440	106,420	X	-17.9	X	3.4	X	109,440	X
2212	Natural gas distribution	X	25,876	16,335	17,189	31,638	23,608	X	58.4	X	9.6	X	31,638	X
2213	Water, sewage and other systems	X	3,576	3,835	3,389	3,157	3,442	X	-6.8	X	3.9	X	3,157	X
48-49	Transportation and warehousing⁴	214,355	223,406	225,927	220,901	207,733	219,505	-4.1	-1.1	3.2	1.8	214,355	207,733	3.2
481	Air transportation	45,230	48,007	52,066	50,884	46,166	48,404	-5.8	-7.8	-2.0	-0.8	45,230	46,166	-2.0
483	Water transportation	9,996	10,519	12,166	10,424	9,806	10,664	-5.0	-13.5	1.9	-1.4	9,996	9,806	1.9
4831	Deep sea, coastal, and Great Lakes water transportation	X	8,456	10,123	8,420	7,869	8,353	X	-16.5	X	1.2	X	7,869	X
4832	Inland water transportation	X	2,063	2,043	2,004	1,937	2,311	X	1.0	X	-10.7	X	1,937	X
484	Truck transportation	62,911	65,611	68,053	66,119	61,783	66,175	-4.1	-3.6	1.8	-0.9	62,911	61,783	1.8
4841	General freight trucking	X	41,224	42,106	41,887	39,856	43,111	X	-2.1	X	-4.4	X	39,856	X
48412	General freight trucking, long-distance	X	35,297	35,963	35,630	33,686	36,420	X	-1.9	X	-3.1	X	33,686	X
4842	Specialized freight trucking	X	24,387	25,947	24,232	21,927	23,064	X	-6.0	X	5.7	X	21,927	X
485	Transit and ground passenger transportation	9,096	9,178	7,706	9,022	8,421	8,628	-0.9	19.1	8.0	6.4	9,096	8,421	8.0
486	Pipeline transportation	X	11,480	10,790	10,732	10,829	10,967	X	6.4	X	4.7	X	10,829	X
487	Scenic and sightseeing transportation	X	759	1,288	1,014	634	713	X	-41.1	X	6.5	X	634	X
488	Support activities for transportation	45,607	47,043	45,356	44,642	42,330	44,997	-3.1	3.7	7.7	4.5	45,607	42,330	7.7
492	Couriers and messengers	20,687	22,151	20,067	19,898	19,803	20,978	-6.6	10.4	4.5	5.6	20,687	19,803	4.5
493	Warehousing and storage	8,858	8,658	8,435	8,166	7,961	7,979	2.3	2.6	11.3	8.5	8,858	7,961	11.3
51	Information	372,654	389,924	363,301	361,735	357,909	375,238	-4.4	7.3	4.1	3.9	372,654	357,909	4.1
511	Publishing industries (except Internet)	72,571	79,811	71,572	73,220	70,972	78,989	-9.1	11.5	2.3	1.0	72,571	70,972	2.3
51111	Newspaper publishers	X	6,653	6,235	6,391	6,078	7,115	X	6.7	X	-6.5	X	6,078	X
51112	Periodical publishers	X	7,185	6,806	7,093	6,341	7,210	X	5.6	X	-0.3	X	6,341	X
5111 pt	Book, directory and mailing list, and other publishers ⁵	X	9,579	11,072	10,083	8,744	10,207	X	-13.5	X	-6.2	X	8,744	X
5112	Software publishers	51,927	56,394	47,459	49,653	49,809	54,457	-7.9	18.8	4.3	3.6	51,927	49,809	4.3
512	Motion picture and sound recording industries	26,841	27,466	24,863	24,338	27,125	27,631	-2.3	10.5	-1.0	-0.6	26,841	27,125	-1.0
515	Broadcasting (except Internet)	X	43,006	38,872	38,482	37,721	40,391	X	10.6	X	6.5	X	37,721	X
5151	Radio and television broadcasting	X	20,975	18,285	17,518	17,463	19,618	X	14.7	X	6.9	X	17,463	X
5152	Cable and other subscription programming	X	22,031	20,587	20,964	20,258	20,773	X	7.0	X	6.1	X	20,258	X
517	Telecommunications	151,637	157,207	153,287	152,341	151,514	154,821	-3.5	2.6	0.1	1.5	151,637	151,514	0.1
5171	Wired telecommunications carriers	79,154	80,145	78,824	79,019	78,621	79,008	-1.2	1.7	0.7	1.4	79,154	78,621	0.7
5172	Wireless telecommunications carriers (except satellite)	61,954	66,339	63,870	62,749	62,447	65,216	-6.6	3.9	-0.8	1.7	61,954	62,447	-0.8
517 pt	Other telecommunications ⁶	X	10,723	10,593	10,573	10,446	10,597	X	1.2	X	1.2	X	10,446	X
518	Data processing, hosting, and related services	37,374	37,681	35,922	35,281	34,212	34,913	-0.8	4.9	9.2	7.9	37,374	34,212	9.2
519	Other information services	44,695	44,753	38,785	38,073	36,365	38,493	-0.1	15.4	22.9	16.3	44,695	36,365	22.9
52	Finance and insurance⁷	1,112,901	1,096,859	1,081,828	1,061,685	1,032,909	1,036,087	1.5	1.4	7.7	5.9	1,112,901	1,032,909	7.7
52 pt	Finance and insurance (except monetary authorities-central bank) ⁸	X	1,071,811	1,053,801	1,032,422	1,003,249	1,007,841	X	1.7	X	6.3	X	1,003,249	X
521	Monetary authorities-central bank	X	25,048	28,027	29,263	29,660	28,246	X	-10.6	X	-11.3	X	29,660	X
522	Credit intermediation and related activities	292,074	293,080	295,295	288,041	279,431	280,396	-0.3	-0.8	4.5	4.5	292,074	279,431	4.5
5221	Depository credit intermediation	X	128,976	128,362	124,736	122,038	122,408	X	0.5	X	5.4	X	122,038	X
5222	Nondepository credit intermediation	X	140,064	142,582	140,429	135,564	135,337	X	-1.8	X	3.5	X	135,564	X
5223	Activities related to credit intermediation	X	24,040	24,351	22,876	21,829	22,651	X	-1.3	X	6.1	X	21,829	X
523	Securities, commodity contracts, and other financial investments and related activities	X	151,529	148,121	146,205	138,188	142,454	X	2.3	X	6.4	X	138,188	X
5231	Securities and commodity contracts intermediation and brokerage	X	65,857	66,135	67,592	59,072	59,911	X	-0.4	X	9.9	X	59,072	X
5232	Securities and commodity exchanges	X	2,782	2,577	2,748	2,913	2,646	X	8.0	X	5.1	X	2,913	X
5239	Other financial investment activities	X	82,890	79,409	75,865	76,203	79,897	X	4.4	X	3.7	X	76,203	X
524	Insurance carriers and related activities	632,814	627,202	610,385	598,176	585,630	584,991	0.9	2.8	8.1	7.2	632,814	585,630	8.1
5241	Insurance carriers	X	542,578	527,307	516,625	506,113	503,843	X	2.9	X	7.7	X	506,113	X
5242	Agencies, brokerages, and other insurance related activities	X	84,624	83,078	81,551	79,517	81,148	X	1.9	X	4.3	X	79,517	X
53	Real estate and rental and leasing	162,405	168,637	167,119	162,996	149,763	156,649	-3.7	0.9	8.4	7.7	162,405	149,763	8.4
531	Real estate	114,316	117,460	116,585	113,037	103,460	106,732	-2.7	0.8	10.5	10.1	114,316	103,460	10.5
5311	Lessors of real estate	X	66,976	65,117	63,500	62,121	62,754	X	2.9	X	6.7	X	62,121	X
5312	Offices of real estate agents and brokers	X	27,014	28,702	28,272	21,008	23,414	X	-5.9	X	15.4	X	21,008	X
5313	Activities related to real estate	X	23,470	22,766	21,265	20,331	20,564	X	3.1	X	14.1	X	20,331	X
532	Rental and leasing services	38,502	39,913	40,978	39,813	36,798	39,111	-3.5	-2.6	4.6	2.1	38,502	36,798	4.6
5321	Automotive equipment rental and leasing	X	14,409	15,684	14,589	13,023	13,660	X	-8.1	X	5.5	X	13,023	X
53211	Passenger car rental and leasing	X	9,782	10,844	9,897	8,771	9,170	X	-9.8	X	6.7	X	8,771	X
53212	Truck, utility trailer, and RV (Recreational Vehicle) rental and leasing	X	4,627	4,840	4,692	4,252	4,490	X	-4.4	X	3.1	X	4,252	X
5322	Consumer goods rental	X	5,463	5,368	5,716	5,875	5,778	X	1.8	X	-5.5	X	5,875	X
5323	General rental centers	X	S	S	S	S	S	X	S	X	S	X	S	X
5324	Commercial and industrial machinery and equipment rental and leasing	X	19,389	19,134	18,805	17,350	19,014	X	1.3	X	2.0	X	17,350	X
533	Lessors of nonfinancial intangible assets (except copyrighted works)	X	11,264	9,556	10,146	9,505	10,806	X	17.9	X	4.2	X	9,505	X
54	Professional, scientific, and technical services⁹	434,500	448,922	432,912	435,215	418,182	423,027	-3.2	3.7	3.9	6.1	434,500	418,182	3.9
5411	Legal services ⁹	65,918	83,438	71,527	71,122	63,891	77,280	-21.0	16.7	3.2	8.0	65,918	63,891	3.2
5412	Accounting, tax preparation, bookkeeping, and payroll services	53,134	38,163	38,894	45,185	49,100	35,599	39.2	-1.9	8.2	7.2	53,134	49,100	8.2
5413	Architectural, engineering, and related services	74,837	77,970	77,228	75,053	73,210	74,391	-4.0	1.0	2.2	4.8	74,837	73,210	2.2
5413 pt	Architectural and related services ¹⁰	X	18,989	18,720	17,662	17,689	17,356	X	1.4	X	9.4	X	17,689	X
54133	Engineering services	X	58,981	58,508	57,391	55,521	57,035	X	0.8	X	3.4	X	55,521	X
5414	Specialized design services	X	5,965	5,663	5,467	5,842	5,696	X	5.3	X	4.7	X	5,842	X
5415	Computer systems design and related services	91,685	92,253	92,245	90,879	88,409	88,040	-0.6	Z	3.7	4.8	91,685	88,409	3.7

Table A4. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services

2007 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		1Q 2017 (a)	4Q 2016 (r)	3Q 2016	2Q 2016	1Q 2016	4Q 2015	1Q 2017 from 4Q 2016 (a)	4Q 2016 from 3Q 2016 (r)	1Q 2017 from 1Q 2016 (a)	4Q 2016 from 4Q 2015 (r)	2017 (a)	2016	2017 from 2016 (a)
5416	Management, scientific, and technical consulting services	63,663	65,470	64,391	63,865	60,792	62,157	-2.8	1.7	4.7	5.3	63,663	60,792	4.7
5417	Scientific research and development services	X	37,109	35,461	36,137	33,125	35,010	X	4.6	X	6.0	X	33,125	X
5418	Advertising, public relations, and related services	25,892	27,007	26,117	25,822	24,762	25,855	-4.1	3.4	4.6	4.5	25,892	24,762	4.6
5419	Other professional, scientific, and technical services	X	21,547	21,386	21,685	19,051	18,999	X	0.8	X	13.4	X	19,051	X
56	Administrative and support and waste management and remediation services	226,440	226,392	222,186	216,293	204,278	208,865	Z	1.9	10.8	8.4	226,440	204,278	10.8
561	Administrative and support services	204,298	203,276	198,739	193,191	182,957	186,587	0.5	2.3	11.7	8.9	204,298	182,957	11.7
5613	Employment services	X	93,950	86,444	83,357	82,392	84,677	X	8.7	X	11.0	X	82,392	X
5615	Travel arrangement and reservation services	X	10,791	11,629	10,906	10,278	S	X	-7.2	X	S	X	10,278	X
561 pt	Other administrative and support services ¹¹	X	98,535	100,666	98,928	90,287	91,376	X	-2.1	X	7.8	X	90,287	X
562	Waste management and remediation services	22,142	23,116	23,447	23,102	21,321	22,278	-4.2	-1.4	3.9	3.8	22,142	21,321	3.9
61	Educational services ¹²	16,763	16,112	16,157	17,624	15,699	15,446	4.0	-0.3	6.8	4.3	16,763	15,699	6.8
6114	Business schools and computer and management training	X	2,983	2,842	3,124	2,920	2,869	X	5.0	X	4.0	X	2,920	X
6115	Technical and trade schools	X	3,508	3,709	3,673	3,628	3,662	X	-5.4	X	-4.2	X	3,628	X
6116	Other schools and instruction	X	6,038	5,738	6,586	5,858	5,569	X	5.2	X	8.4	X	5,858	X
6117	Educational support services	X	3,583	3,868	4,241	3,293	3,346	X	-7.4	X	7.1	X	3,293	X
62	Health care and social assistance	626,854	630,468	604,410	612,677	592,319	589,470	-0.6	4.3	5.8	7.0	626,854	592,319	5.8
	Health care and social assistance - taxable	310,414	310,520	300,931	302,262	293,853	293,531	Z	3.2	5.6	5.8	310,414	293,853	5.6
	Health care and social assistance - tax-exempt	316,440	319,948	303,479	310,415	298,466	295,939	-1.1	5.4	6.0	8.1	316,440	298,466	6.0
621	Ambulatory health care services	249,170	249,905	241,000	242,500	234,601	235,600	-0.3	3.7	6.2	6.1	249,170	234,601	6.2
	Ambulatory health care services - taxable	224,903	225,521	217,370	218,859	211,708	212,587	-0.3	3.7	6.2	6.1	224,903	211,708	6.2
	Ambulatory health care services - tax-exempt	24,267	24,384	23,630	23,641	22,893	23,013	-0.5	3.2	6.0	6.0	24,267	22,893	6.0
6211	Offices of physicians	121,223	124,331	118,120	119,234	114,306	117,029	-2.5	5.3	6.1	6.2	121,223	114,306	6.1
6212	Offices of dentists	X	S	S	S	S	S	X	S	X	S	X	S	X
6213	Offices of other health practitioners	X	20,727	19,802	19,967	19,458	19,536	X	4.7	X	6.1	X	19,458	X
6214	Outpatient care centers	33,943	34,216	32,883	32,231	31,251	30,940	-0.8	4.1	8.6	10.6	33,943	31,251	8.6
	Outpatient care centers - taxable	X	18,181	17,390	16,736	16,231	16,051	X	4.5	X	13.3	X	16,231	X
	Outpatient care centers - tax-exempt	X	16,035	15,493	15,495	15,020	14,889	X	3.5	X	7.7	X	15,020	X
6215	Medical and diagnostic laboratories	12,311	12,478	12,121	12,403	11,943	12,026	-1.3	2.9	3.1	3.8	12,311	11,943	3.1
6216	Home health care services	X	20,005	19,610	19,507	18,782	19,406	X	2.0	X	3.1	X	18,782	X
	Home health care services - taxable	X	15,013	14,774	14,698	14,117	14,543	X	1.6	X	3.2	X	14,117	X
	Home health care services - tax-exempt	X	4,992	4,836	4,809	4,665	4,863	X	3.2	X	2.7	X	4,665	X
6219	Other ambulatory health care services	8,885	8,913	8,719	8,657	8,486	8,574	-0.3	2.2	4.7	4.0	8,885	8,486	4.7
	Other ambulatory health care services - taxable	X	5,556	5,418	5,320	5,278	5,313	X	2.5	X	4.6	X	5,278	X
	Other ambulatory health care services - tax-exempt	X	3,357	3,301	3,337	3,208	3,261	X	1.7	X	2.9	X	3,208	X
622	Hospitals	273,240	272,958	261,757	268,422	259,509	253,016	0.1	4.3	5.3	7.9	273,240	259,509	5.3
	Hospitals - taxable	34,122	33,379	32,799	33,017	33,267	32,277	2.2	1.8	2.6	3.4	34,122	33,267	2.6
	Hospitals - tax-exempt	239,118	239,579	228,958	235,405	226,242	220,739	-0.2	4.6	5.7	8.5	239,118	226,242	5.7
6221	General medical and surgical hospitals	X	254,801	243,592	250,584	241,634	235,371	X	4.6	X	8.3	X	241,634	X
	General medical and surgical hospitals - taxable	X	27,671	27,074	27,113	27,298	26,503	X	2.2	X	4.4	X	27,298	X
	General medical and surgical hospitals - tax-exempt	X	227,130	216,518	223,471	214,336	208,868	X	4.9	X	8.7	X	214,336	X
6222	Psychiatric and substance abuse hospitals	X	6,614	6,524	6,316	6,296	6,096	X	1.4	X	8.5	X	6,296	X
	Psychiatric and substance abuse hospitals - taxable	X	1,678	1,682	1,690	1,665	1,591	X	-0.2	X	5.5	X	1,665	X
	Psychiatric and substance abuse hospitals - tax-exempt	X	4,936	4,842	4,626	4,631	4,505	X	1.9	X	9.6	X	4,631	X
6223	Specialty (except psychiatric and substance abuse) hospitals	X	11,543	11,641	11,522	11,579	11,549	X	-0.8	X	-0.1	X	11,579	X
	Specialty (except psychiatric and substance abuse) hospitals - taxable	X	4,030	4,043	4,214	4,304	4,183	X	-0.3	X	-3.7	X	4,304	X
	Specialty (except psychiatric and substance abuse) hospitals - tax-exempt	X	7,513	7,598	7,308	7,275	7,366	X	-1.1	X	2.0	X	7,275	X
623	Nursing and residential care facilities	59,084	60,580	59,123	58,733	56,541	57,212	-2.5	2.5	4.5	5.9	59,084	56,541	4.5
	Nursing and residential care facilities - taxable	38,247	38,911	38,292	37,970	36,558	36,684	-1.7	1.6	4.6	6.1	38,247	36,558	4.6
	Nursing and residential care facilities - tax-exempt	20,837	21,669	20,831	20,763	19,983	20,528	-3.8	4.0	4.3	5.6	20,837	19,983	4.3
624	Social assistance	45,360	47,025	42,530	43,622	41,668	43,642	-3.5	10.6	8.9	7.8	45,360	41,668	8.9
	Social assistance - taxable	X	12,709	12,470	12,416	12,320	11,983	X	1.9	X	6.1	X	12,320	X
	Social assistance - tax-exempt	X	34,316	30,060	30,606	29,348	31,659	X	14.2	X	8.4	X	29,348	X
6241	Individual and family services	X	23,802	22,604	22,405	21,433	22,205	X	5.3	X	7.2	X	21,433	X
6242	Community food and housing, and emergency and other relief services	X	9,734	7,693	7,862	7,589	8,969	X	26.5	X	8.5	X	7,589	X
6243	Vocational rehabilitation services	X	3,338	3,316	3,286	3,258	3,262	X	0.7	X	2.3	X	3,258	X
6244	Child day care services	X	10,151	8,917	9,469	9,388	9,206	X	13.8	X	10.3	X	9,388	X
	Child day care services - taxable	X	S	S	S	S	S	X	S	X	S	X	S	X
	Child day care services - tax-exempt	X	3,628	3,046	3,262	3,229	3,368	X	19.1	X	7.7	X	3,229	X
71	Arts, entertainment, and recreation	59,677	67,407	66,848	62,380	55,513	61,497	-11.5	0.8	7.5	9.6	59,677	55,513	7.5
	Arts, entertainment, and recreation - taxable	X	55,615	55,132	50,349	45,625	50,170	X	0.9	X	10.9	X	45,625	X
	Arts, entertainment, and recreation - tax-exempt	X	11,792	11,716	12,031	9,888	11,327	X	0.6	X	4.1	X	9,888	X
711	Performing arts, spectator sports, and related industries	24,828	32,365	29,673	25,996	23,215	29,654	-23.3	9.1	6.9	9.1	24,828	23,215	6.9
	Performing arts, spectator sports, and related industries - taxable	X	29,008	26,767	22,833	20,519	26,494	X	8.4	X	9.5	X	20,519	X
	Performing arts, spectator sports, and related industries - tax-exempt	X	3,357	2,906	3,163	2,696	3,160	X	15.5	X	6.2	X	2,696	X
7111	Performing arts companies	X	4,020	3,986	4,026	3,300	4,028	X	0.9	X	-0.2	X	3,300	X
	Performing arts companies - taxable	X	2,137	2,412	2,283	1,896	2,268	X	-11.4	X	-5.8	X	1,896	X
	Performing arts companies - tax-exempt	X	1,883	1,574	1,743	1,404	1,760	X	19.6	X	7.0	X	1,404	X
7112	Spectator sports	X	13,525	11,343	9,934	8,194	12,236	X	19.2	X	10.5	X	8,194	X
7113	Promoters of performing arts, sports, and similar events	X	7,179	7,843	6,358	5,452	6,621	X	-8.5	X	8.4	X	5,452	X
	Promoters of performing arts, sports, and similar events - taxable	X	5,705	6,511	4,938	4,160	5,221	X	-12.4	X	9.3	X	4,160	X

Table A4. Selected Services - Advance Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services

2007 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		1Q 2017 (a)	4Q 2016 (r)	3Q 2016	2Q 2016	1Q 2016	4Q 2015	1Q 2017 from 4Q 2016 (a)	4Q 2016 from 3Q 2016 (r)	1Q 2017 from 1Q 2016 (a)	4Q 2016 from 4Q 2015 (r)	2017 (a)	2016	2017 from 2016 (a)
7114	Promoters of performing arts, sports, and similar events - tax-exempt	X	1,474	1,332	1,420	1,292	1,400	X	10.7	X	5.3	X	1,292	X
	Agents and managers for artists, athletes, entertainers, and other public figures	X	1,974	1,912	1,720	1,552	2,034	X	3.2	X	-2.9	X	1,552	X
7115	Independent artists, writers, and performers	X	5,667	4,589	3,958	4,717	4,735	X	23.5	X	19.7	X	4,717	X
712	Museums, historical sites, and similar institutions	3,582	4,424	4,075	4,084	3,126	4,078	-19.0	8.6	14.6	8.5	3,582	3,126	14.6
	Museums, historical sites, and similar institutions - tax-exempt ...	X	3,980	3,546	3,624	2,804	3,681	X	12.2	X	8.1	X	2,804	X
713	Amusement, gambling, and recreation industries	31,267	30,618	33,100	32,300	29,172	27,765	2.1	-7.5	7.2	10.3	31,267	29,172	7.2
	Amusement, gambling, and recreation industries - taxable	X	26,163	27,836	27,056	24,784	23,279	X	-6.0	X	12.4	X	24,784	X
	Amusement, gambling, and recreation industries - tax-exempt	X	4,455	5,264	5,244	4,388	4,486	X	-15.4	X	-0.7	X	4,388	X
7131	Amusement parks and arcades	X	4,603	6,311	5,091	3,565	4,029	X	-27.1	X	14.2	X	3,565	X
7132	Gambling industries	X	7,032	7,104	7,219	7,505	6,925	X	-1.0	X	1.5	X	7,505	X
7139	Other amusement and recreation industries	X	18,983	19,685	19,990	18,102	16,811	X	-3.6	X	12.9	X	18,102	X
	Other amusement and recreation industries - taxable	X	14,528	14,421	14,746	13,714	12,325	X	0.7	X	17.9	X	13,714	X
	Other amusement and recreation industries - tax-exempt	X	4,455	5,264	5,244	4,388	4,486	X	-15.4	X	-0.7	X	4,388	X
721	Accommodation	59,104	58,128	64,556	62,497	55,250	55,584	1.7	-10.0	7.0	4.6	59,104	55,250	7.0
7211	Traveler accommodation	X	56,874	62,228	60,402	53,813	54,401	X	-8.6	X	4.5	X	53,813	X
7212	RV (recreational vehicle) parks and recreational camps	X	931	1,931	1,814	1,094	846	X	-51.8	X	10.0	X	1,094	X
7213	Rooming and boarding houses	X	323	397	281	343	337	X	-18.6	X	-4.2	X	343	X
81	Other services (except public administration) ¹³	138,253	151,125	133,596	128,566	123,572	135,153	-8.5	13.1	11.9	11.8	138,253	123,572	11.9
811	Repair and maintenance	40,549	39,972	40,907	41,777	40,006	39,827	1.4	-2.3	1.4	0.4	40,549	40,006	1.4
8111	Automotive repair and maintenance	X	25,884	26,589	26,801	26,334	25,360	X	-2.7	X	2.1	X	26,334	X
8112	Electronic and precision equipment repair and maintenance	X	4,500	4,463	4,403	3,974	4,296	X	0.8	X	4.7	X	3,974	X
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and	X	7,927	8,010	8,405	8,150	8,485	X	-1.0	X	-6.6	X	8,150	X
8114	Personal and household goods repair and maintenance	X	1,661	1,845	2,168	1,548	1,686	X	-10.0	X	-1.5	X	1,548	X
812	Personal and laundry services	27,826	28,443	27,669	27,451	26,479	26,415	-2.2	2.8	5.1	7.7	27,826	26,479	5.1
8121	Personal care services	X	9,752	9,932	9,806	9,263	8,716	X	-1.8	X	11.9	X	9,263	X
8122	Death care services	X	5,062	4,709	4,743	4,859	4,755	X	7.5	X	6.5	X	4,859	X
8123	Drycleaning and laundry services	X	6,806	6,729	6,834	6,613	6,662	X	1.1	X	2.2	X	6,613	X
8129	Other personal services	X	6,823	6,299	6,068	5,744	6,282	X	8.3	X	8.6	X	5,744	X
813	Religious, grantmaking, civic, professional, and similar organizations - tax-exempt ¹⁴	X	82,710	65,020	59,338	57,087	68,911	X	27.2	X	20.0	X	57,087	X

(a) Advance estimate. (r) Revised estimate. Z Absolute value is less than .05.

S Estimate does not meet standards because of high variability (coefficient of variation greater than 30%), poor response quality (total quantity response rate is less than 50%) or other concerns about the estimate's quality. Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see www.census.gov/quality/guidelines/index.html.

X Estimate is not available for advance release.

(1) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2007 NAICS manual or www.census.gov/eos/www/naics/.

(2) Includes NAICS 22 (Utilities), NAICS 48-49 (Transportation and warehousing), NAICS 51 (Information), NAICS 52 (Finance and insurance), NAICS 53 (Real estate and rental and leasing), NAICS 54 (Selected professional, scientific, and technical services), NAICS 56 (Administrative and support and waste management and remediation services), NAICS 61 (Educational services), NAICS 62 (Health care and social assistance), NAICS 71 (Arts, entertainment, and recreation), NAICS 721 (Accommodation), and NAICS 81 (Other services (except public administration)). Exclusions listed in footnotes 3, 4, 7, 9, 12, and 13 also apply to the Selected Services Total.

(3) Excludes government owned utilities.

(4) Excludes NAICS 482 (Rail transportation) and 491 (Postal service).

(5) Includes NAICS 51113 (Book publishers), 51114 (Directory and mailing list publishers), and 51119 (Other publishers).

(6) Includes NAICS 5174 (Satellite telecommunications), and 5179 (Other telecommunications).

(7) Excludes NAICS 525 (Funds, trusts, and other financial vehicles).

(8) Excludes NAICS 521 (Monetary authorities-central bank) and NAICS 525 (Funds, trusts, and other financial vehicles).

(9) Excludes NAICS 54112 (Offices of notaries).

(10) Includes all of NAICS 5413 (Architectural, engineering, and related services) except 54133 (Engineering services).

(11) Includes NAICS 5611 (Office administrative services), 5612 (Facilities support services), 5614 (Business support services), 5616 (Investigation and security services), 5617 (Services to buildings and dwellings), and 5619 (Other support services).

(12) Excludes NAICS 6111 (Elementary and secondary schools), 6112 (Junior colleges), and 6113 (Colleges, universities, and professional schools).

(13) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), 81394 (Political organizations), and 814 (Private households).

(14) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), and 81394 (Political organizations).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table A5 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/services/qss/cv.html. For NAICS 52, estimates may include unrealized gains (losses).

Table A5. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2007 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		1Q 2017 (a)	4Q 2016 (r)	3Q 2016	2Q 2016	1Q 2016	4Q 2015	1Q 2017 from 4Q 2016 (a)	4Q 2016 from 3Q 2016 (r)	1Q 2017 from 1Q 2016 (a)	4Q 2016 from 4Q 2015 (r)	2017 (a)	2016	2017 from 2016 (a)
	Selected Services Total	1.4	1.4	1.4	1.4	1.4	1.5	0.3	0.2	0.2	0.2	1.4	1.4	0.2
22	Utilities	4.1	4.2	4.5	4.6	3.7	3.9	0.6	0.8	0.9	1.0	4.1	3.7	0.9
2211	Electric power generation, transmission and distribution	X	4.9	5.1	5.4	4.5	4.4	X	0.8	X	1.2	X	4.5	X
2212	Natural gas distribution	X	3.0	4.2	3.1	2.6	2.6	X	4.3	X	2.0	X	2.6	X
2213	Water, sewage and other systems	X	7.3	6.7	6.8	7.6	6.4	X	3.3	X	2.7	X	7.6	X
48-49	Transportation and warehousing	2.6	2.6	2.7	2.7	2.6	2.5	0.6	0.5	1.0	0.8	2.6	2.6	1.0
481	Air transportation	2.8	3.8	4.4	4.3	4.4	4.4	2.8	0.8	3.3	0.6	2.8	4.4	3.3
483	Water transportation	2.9	3.2	3.1	3.2	3.4	3.6	0.7	0.8	0.7	0.7	2.9	3.4	0.7
4831	Deep sea, coastal, and Great Lakes water transportation	X	4.1	3.8	4.2	4.3	4.6	X	0.9	X	1.0	X	4.3	X
4832	Inland water transportation	X	4.6	4.8	3.7	3.4	3.7	X	1.0	X	1.0	X	3.4	X
484	Truck transportation	7.2	7.6	7.9	7.8	7.9	7.5	0.7	0.5	1.5	1.7	7.2	7.9	1.5
4841	General freight trucking	X	11.5	11.9	11.7	11.5	10.9	X	0.7	X	1.9	X	11.5	X
48412	General freight trucking, long-distance	X	12.3	12.5	12.5	12.6	11.8	X	1.0	X	2.4	X	12.6	X
4842	Specialized freight trucking	X	4.5	4.1	3.6	3.6	3.9	X	1.0	X	2.7	X	3.6	X
485	Transit and ground passenger transportation	6.4	6.2	5.5	6.7	5.9	5.6	1.0	3.0	1.8	2.1	6.4	5.9	1.8
486	Pipeline transportation	X	1.9	1.8	1.6	1.4	1.6	X	0.4	X	1.4	X	1.4	X
487	Scenic and sightseeing transportation	X	11.9	10.7	10.0	8.5	7.9	X	3.4	X	7.5	X	8.5	X
488	Support activities for transportation	6.3	6.5	5.9	6.1	5.7	5.1	0.6	1.3	1.4	2.4	6.3	5.7	1.4
492	Couriers and messengers	1.6	1.6	1.6	1.6	1.7	1.9	0.2	0.3	0.3	0.6	1.6	1.7	0.3
493	Warehousing and storage	6.2	6.8	6.0	5.7	6.1	4.5	1.8	1.5	2.3	3.5	6.2	6.1	2.3
51	Information	1.3	1.3	1.4	1.6	1.8	1.7	0.1	0.2	0.7	0.5	1.3	1.8	0.7
511	Publishing industries (except Internet)	5.5	5.3	4.6	5.1	5.3	4.9	0.6	1.1	0.8	1.1	5.5	5.3	0.8
51111	Newspaper publishers	X	4.4	4.9	5.3	5.3	5.3	X	0.8	X	1.0	X	5.3	X
51112	Periodical publishers	X	5.8	3.6	5.0	4.6	4.7	X	5.2	X	1.8	X	4.6	X
5111 pt	Book, directory and mailing list, and other publishers	X	4.2	4.6	5.5	4.8	3.9	X	2.7	X	1.1	X	4.8	X
5112	Software publishers	7.2	6.9	6.0	6.6	7.0	6.4	0.7	1.2	0.9	1.7	7.2	7.0	0.9
512	Motion picture and sound recording industries	3.4	4.0	3.2	3.9	5.5	4.2	1.3	1.6	3.6	1.2	3.4	5.5	3.6
515	Broadcasting (except Internet)	X	1.9	1.4	1.9	1.9	2.2	X	1.1	X	0.7	X	1.9	X
5151	Radio and television broadcasting	X	2.9	2.6	3.3	3.2	3.7	X	2.1	X	1.0	X	3.2	X
5152	Cable and other subscription programming	X	1.3	1.2	1.3	1.3	1.3	X	0.3	X	0.7	X	1.3	X
517	Telecommunications	1.7	1.7	1.7	2.0	2.0	1.8	0.3	0.2	0.4	0.3	1.7	2.0	0.4
5171	Wired telecommunications carriers	3.4	3.2	3.4	3.6	3.8	3.5	0.2	0.3	0.5	0.3	3.4	3.8	0.5
5172	Wireless telecommunications carriers (except satellite)	2.5	2.6	2.6	2.8	2.8	2.7	0.5	0.2	0.7	0.6	2.5	2.8	0.7
517 pt	Other telecommunications	X	3.5	3.6	4.5	3.8	2.9	X	0.7	X	1.7	X	3.8	X
518	Data processing, hosting, and related services	3.4	3.4	3.5	4.0	4.0	3.8	0.3	0.8	1.7	1.4	3.4	4.0	1.7
519	Other information services	4.4	3.6	3.1	3.9	4.8	3.9	1.3	0.9	2.5	2.5	4.4	4.8	2.5
52	Finance and insurance	4.7	5.3	4.8	5.2	4.7	4.6	1.0	0.4	0.8	0.7	4.7	4.7	0.8
52 pt	Finance and insurance (except monetary authorities-central bank)	X	5.4	5.0	5.3	4.9	4.8	X	0.4	X	0.7	X	4.9	X
521	Monetary authorities-central bank	X	0.0	0.0	0.0	0.0	0.0	X	0.0	X	0.0	X	0.0	X
522	Credit intermediation and related activities	4.3	4.5	4.4	4.7	4.5	4.6	0.2	0.6	1.0	0.9	4.3	4.5	1.0
5221	Depository credit intermediation	X	7.9	7.7	8.2	8.3	8.7	X	0.5	X	1.6	X	8.3	X
5222	Nondepository credit intermediation	X	4.3	4.6	4.7	3.7	3.5	X	1.0	X	0.9	X	3.7	X
5223	Activities related to credit intermediation	X	3.0	2.4	2.3	2.1	2.2	X	0.9	X	1.0	X	2.1	X
523	Securities, commodity contracts, and other financial investments and related activities	X	4.0	4.4	3.7	3.5	4.0	X	0.8	X	1.4	X	3.5	X
5231	Securities and commodity contracts intermediation and brokerage	X	7.5	7.2	6.2	5.8	6.7	X	1.5	X	2.7	X	5.8	X
5232	Securities and commodity exchanges	X	Z	Z	Z	Z	Z	X	Z	X	Z	X	Z	X
5239	Other financial investment activities	X	4.9	5.0	3.7	3.5	5.5	X	1.2	X	1.1	X	3.5	X
524	Insurance carriers and related activities	7.0	8.0	7.1	7.8	7.0	6.7	1.8	0.8	1.2	1.4	7.0	7.0	1.2
5241	Insurance carriers	X	9.2	8.3	8.9	7.9	7.8	X	0.8	X	1.6	X	7.9	X
5242	Agencies, brokerages, and other insurance related activities	X	3.8	4.4	4.3	4.6	4.8	X	1.9	X	1.9	X	4.6	X
53	Real estate and rental and leasing	4.8	4.8	5.4	5.2	4.5	4.5	0.5	0.9	1.0	1.1	4.8	4.5	1.0
531	Real estate	6.3	6.5	7.4	7.2	6.4	6.5	0.7	1.2	1.3	1.6	6.3	6.4	1.3
5311	Lessors of real estate	X	8.2	9.4	9.1	8.4	8.8	X	1.6	X	2.0	X	8.4	X
5312	Offices of real estate agents and brokers	X	10.7	11.6	11.9	10.5	10.3	X	2.0	X	1.9	X	10.5	X
5313	Activities related to real estate	X	6.1	6.7	7.0	6.6	5.8	X	1.8	X	2.7	X	6.6	X
532	Rental and leasing services	4.5	4.6	3.9	4.2	4.1	4.4	1.0	1.2	1.3	1.4	4.5	4.1	1.3
5321	Automotive equipment rental and leasing	X	3.4	3.2	3.5	2.7	2.6	X	0.3	X	1.3	X	2.7	X
53211	Passenger car rental and leasing	X	3.3	3.0	3.3	2.3	2.2	X	0.4	X	1.5	X	2.3	X
53212	Truck, utility trailer, and RV (recreational vehicle) rental and leasing	X	5.6	5.1	5.2	4.9	5.0	X	0.6	X	3.2	X	4.9	X
5322	Consumer goods rental	X	10.3	10.9	10.3	9.3	11.4	X	2.0	X	2.5	X	9.3	X
5323	General rental centers	X	S	S	S	S	S	X	S	X	S	X	S	X
5324	Commercial and industrial machinery and equipment rental and leasing	X	6.4	5.7	6.3	5.6	6.4	X	2.1	X	3.5	X	5.6	X
533	Lessors of nonfinancial intangible assets (except copyrighted works)	X	5.7	7.1	7.6	7.4	6.9	X	2.2	X	2.0	X	7.4	X
54	Professional, scientific, and technical services	1.5	2.1	2.2	2.4	2.0	2.1	0.7	0.5	1.0	1.2	1.5	2.0	1.0
5411	Legal services	3.0	3.7	2.7	2.3	2.5	3.5	1.3	1.9	2.1	2.0	3.0	2.5	2.1
5412	Accounting, tax preparation, bookkeeping, and payroll services	3.4	4.4	4.8	4.0	3.7	4.6	2.3	1.3	0.8	1.3	3.4	3.7	0.8

Table A5. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2007 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		1Q 2017 (a)	4Q 2016 (r)	3Q 2016	2Q 2016	1Q 2016	4Q 2015	1Q 2017 from 4Q 2016 (a)	4Q 2016 from 3Q 2016 (r)	1Q 2017 from 1Q 2016 (a)	4Q 2016 from 4Q 2015 (r)	2017 (a)	2016	2017 from 2016 (a)
5413	Architectural, engineering, and related services	4.4	5.5	5.1	4.8	4.2	4.6	1.8	1.1	3.2	3.3	4.4	4.2	3.2
5413 pt	Architectural and related services	X	8.6	7.8	8.2	8.7	9.3	X	1.8	X	8.9	X	8.7	X
54133	Engineering services	X	6.6	6.1	5.3	5.1	5.3	X	1.2	X	3.2	X	5.1	X
5414	Specialized design services	X	4.5	4.0	3.3	5.8	5.9	X	2.2	X	4.5	X	5.8	X
5415	Computer systems design and related services	5.7	5.9	7.1	7.5	7.6	7.7	0.6	1.9	2.3	2.8	5.7	7.6	2.3
5416	Management, scientific, and technical consulting services	5.4	5.4	5.4	5.2	5.3	5.4	0.9	0.9	0.7	1.6	5.4	5.3	0.7
5417	Scientific research and development services	X	7.3	6.9	6.2	5.9	5.7	X	4.1	X	4.7	X	5.9	X
5418	Advertising, public relations, and related services	3.6	3.4	3.1	3.0	2.9	4.1	0.7	0.6	1.8	1.8	3.6	2.9	1.8
5419	Other professional, scientific, and technical services	X	7.7	6.1	6.2	6.3	7.1	X	2.1	X	4.5	X	6.3	X
56	Administrative and support and waste management and remediation services	1.3	1.3	1.4	1.4	1.6	1.7	0.8	0.6	1.4	1.0	1.3	1.6	1.4
561	Administrative and support services	1.8	1.9	1.9	1.9	2.2	2.2	0.9	0.7	1.5	1.2	1.8	2.2	1.5
5613	Employment services	X	4.5	4.5	3.9	3.8	4.4	X	1.4	X	2.0	X	3.8	X
5615	Travel arrangement and reservation services	X	7.3	8.5	7.1	8.9	S	X	2.5	X	S	X	8.9	X
561 pt	Other administrative and support services	X	3.7	4.0	3.8	4.0	3.8	X	1.0	X	1.0	X	4.0	X
562	Waste management and remediation services	3.7	4.0	3.7	3.5	3.4	4.0	1.0	1.0	1.6	1.6	3.7	3.4	1.6
61	Educational services	5.6	5.2	4.8	4.6	5.5	4.8	1.2	1.6	1.9	1.9	5.6	5.5	1.9
6114	Business schools and computer and management training	X	18.0	17.5	17.1	17.6	17.3	X	4.6	X	4.6	X	17.6	X
6115	Technical and trade schools	X	11.7	13.7	11.7	11.4	10.4	X	2.9	X	3.0	X	11.4	X
6116	Other schools and instruction	X	5.8	8.4	6.5	7.1	7.6	X	3.5	X	5.1	X	7.1	X
6117	Educational support services	X	4.2	8.1	3.6	3.9	3.4	X	5.4	X	2.6	X	3.9	X
62	Health care and social assistance	2.2	1.9	1.9	2.2	1.9	1.6	0.8	0.6	0.7	1.0	2.2	1.9	0.7
	Health care and social assistance - taxable	2.7	2.5	2.6	2.5	2.5	2.3	0.5	0.3	0.6	0.6	2.7	2.5	0.6
	Health care and social assistance - tax-exempt	2.9	2.9	2.5	3.0	3.2	2.5	1.4	1.1	1.5	1.5	2.9	3.2	1.5
621	Ambulatory health care services	2.1	2.0	2.1	1.9	1.9	1.7	0.4	0.3	0.6	0.7	2.1	1.9	0.6
	Ambulatory health care services - taxable	2.6	2.4	2.4	2.3	2.2	1.9	0.5	0.5	0.7	1.0	2.6	2.2	0.7
	Ambulatory health care services - tax-exempt	4.1	4.5	3.6	3.7	4.0	3.2	0.7	1.3	1.2	2.1	4.1	4.0	1.2
6211	Offices of physicians	5.8	5.4	5.8	5.4	5.4	4.8	1.2	0.9	1.5	1.7	5.8	5.4	1.5
6212	Offices of dentists	X	S	S	S	S	S	X	S	X	S	X	S	X
6213	Offices of other health practitioners	X	4.6	5.2	4.5	4.7	4.5	X	1.4	X	1.1	X	4.7	X
6214	Outpatient care centers	3.6	4.2	3.3	3.4	3.7	3.0	1.1	1.1	2.0	2.1	3.6	3.7	2.0
	Outpatient care centers - taxable	X	2.8	2.5	1.8	1.9	2.0	X	1.4	X	2.3	X	1.9	X
	Outpatient care centers - tax-exempt	X	7.0	5.4	5.6	6.1	4.9	X	1.6	X	2.9	X	6.1	X
6215	Medical and diagnostic laboratories	4.1	4.1	3.9	3.9	3.7	4.1	0.9	1.2	1.2	1.8	4.1	3.7	1.2
6216	Home health care services	X	3.6	4.3	3.8	4.4	4.3	X	1.4	X	2.2	X	4.4	X
	Home health care services - taxable	X	3.9	4.9	4.4	5.0	5.1	X	1.8	X	3.0	X	5.0	X
	Home health care services - tax-exempt	X	3.7	4.1	3.4	3.9	3.6	X	2.8	X	1.7	X	3.9	X
6219	Other ambulatory health care services	5.4	5.7	6.1	6.0	6.0	5.8	0.5	1.2	1.3	1.3	5.4	6.0	1.3
	Other ambulatory health care services - taxable	X	8.0	9.3	9.1	9.2	9.0	X	2.2	X	2.9	X	9.2	X
	Other ambulatory health care services - tax-exempt	X	7.0	7.5	7.4	7.6	7.7	X	0.9	X	1.2	X	7.6	X
622	Hospitals	3.7	3.7	3.4	4.0	3.8	3.3	1.7	1.3	1.6	1.7	3.7	3.8	1.6
	Hospitals - taxable	10.4	10.6	10.8	10.3	10.4	10.4	1.6	0.2	1.6	0.5	10.4	10.4	1.6
	Hospitals - tax-exempt	3.7	4.0	3.4	4.0	4.3	3.4	1.8	1.5	1.9	2.0	3.7	4.3	1.9
6221	General medical and surgical hospitals	X	4.0	3.7	4.4	4.0	3.5	X	1.4	X	1.8	X	4.0	X
	General medical and surgical hospitals - taxable	X	13.5	13.9	13.3	13.5	13.4	X	0.3	X	0.3	X	13.5	X
	General medical and surgical hospitals - tax-exempt	X	4.4	3.7	4.4	4.6	3.8	X	1.5	X	2.1	X	4.6	X
6222	Psychiatric and substance abuse hospitals	X	9.3	9.1	9.5	8.7	8.6	X	3.5	X	3.5	X	8.7	X
	Psychiatric and substance abuse hospitals - taxable	X	5.5	5.4	5.0	4.0	3.3	X	0.2	X	2.5	X	4.0	X
	Psychiatric and substance abuse hospitals - tax-exempt	X	11.3	11.4	12.1	11.2	11.5	X	5.4	X	5.1	X	11.2	X
6223	Specialty (except psychiatric and substance abuse) hospitals.....	X	7.1	7.0	7.2	7.2	7.1	X	0.3	X	0.7	X	7.2	X
	Specialty (except psychiatric and substance abuse) hospitals - taxable	X	13.2	13.2	13.0	13.3	13.5	X	0.6	X	2.3	X	13.3	X
	Specialty (except psychiatric and substance abuse) hospitals - tax-exempt	X	5.4	5.5	5.5	5.3	5.3	X	0.5	X	0.5	X	5.3	X
623	Nursing and residential care facilities	4.6	4.6	4.9	4.4	4.7	4.7	0.6	1.2	0.6	1.3	4.6	4.7	0.6
	Nursing and residential care facilities - taxable	6.1	6.3	6.6	5.7	6.2	6.4	0.7	1.7	0.9	1.6	6.1	6.2	0.9
	Nursing and residential care facilities - tax-exempt	2.8	2.6	2.6	2.9	2.6	2.6	0.5	0.5	0.6	0.9	2.8	2.6	0.6
624	Social assistance	3.3	3.0	1.9	2.2	2.5	2.4	0.8	1.6	1.5	1.3	3.3	2.5	1.5
	Social assistance - taxable	X	9.7	9.3	10.1	10.5	10.1	X	2.6	X	1.9	X	10.5	X
	Social assistance - tax-exempt	X	5.0	4.3	4.4	4.8	4.6	X	1.5	X	1.3	X	4.8	X
6241	Individual and family services	X	3.1	1.8	1.9	2.5	2.4	X	3.0	X	2.2	X	2.5	X
6242	Community food and housing, and emergency and other relief services	X	4.2	5.0	4.2	4.7	3.5	X	3.8	X	2.0	X	4.7	X
6243	Vocational rehabilitation services	X	9.4	8.0	9.1	10.1	9.6	X	2.1	X	2.5	X	10.1	X
6244	Child day care services	X	6.8	7.2	6.8	5.9	6.2	X	2.3	X	2.6	X	5.9	X
	Child day care services - taxable	X	S	S	S	S	S	X	S	X	S	X	S	X
	Child day care services - tax-exempt	X	13.5	14.6	12.3	11.9	13.5	X	5.1	X	3.6	X	11.9	X
71	Arts, entertainment, and recreation.....	2.9	3.6	3.5	3.3	2.9	2.7	1.3	1.6	1.4	1.8	2.9	2.9	1.4
	Arts, entertainment, and recreation - taxable	X	4.0	3.8	3.8	3.5	3.5	X	1.8	X	2.0	X	3.5	X
	Arts, entertainment, and recreation - tax-exempt	X	3.8	4.3	3.8	4.6	3.0	X	2.9	X	2.3	X	4.6	X

Table A5. Selected Services - Advance Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2007 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		1Q 2017 (a)	4Q 2016 (r)	3Q 2016	2Q 2016	1Q 2016	4Q 2015	1Q 2017 from 4Q 2016 (a)	4Q 2016 from 3Q 2016 (r)	1Q 2017 from 1Q 2016 (a)	4Q 2016 from 4Q 2015 (r)	2017 (a)	2016	2017 from 2016 (a)
711	Performing arts, spectator sports, and related industries	3.5	3.8	3.9	5.0	3.4	4.5	2.3	2.5	2.3	2.2	3.5	3.4	2.3
	Performing arts, spectator sports, and related industries - taxable	X	4.3	4.3	5.6	3.8	5.1	X	2.7	X	2.3	X	3.8	X
	Performing arts, spectator sports, and related industries - tax-exempt	X	2.9	3.6	4.7	4.5	3.8	X	5.7	X	2.0	X	4.5	X
7111	Performing arts companies	X	7.0	10.6	7.8	6.1	8.5	X	5.6	X	5.2	X	6.1	X
	Performing arts companies - taxable	X	10.7	14.9	12.7	8.8	12.0	X	6.7	X	6.6	X	8.8	X
	Performing arts companies - tax-exempt	X	5.3	6.0	6.8	6.8	6.7	X	4.8	X	4.5	X	6.8	X
7112	Spectator sports	X	8.6	9.2	12.1	11.4	8.6	X	10.5	X	4.1	X	11.4	X
7113	Promoters of performing arts, sports, and similar events	X	2.2	2.2	4.4	7.1	3.9	X	1.9	X	2.3	X	7.1	X
	Promoters of performing arts, sports, and similar events - taxable	X	2.7	2.7	6.3	8.8	5.2	X	1.5	X	3.1	X	8.8	X
	Promoters of performing arts, sports, and similar events - tax-exempt	X	5.4	11.6	7.5	4.8	4.3	X	11.6	X	2.9	X	4.8	X
7114	Agents and managers for artists, athletes, entertainers, and other public figures	X	11.3	11.7	11.9	9.8	10.1	X	3.1	X	5.0	X	9.8	X
7115	Independent artists, writers, and performers	X	12.9	10.0	12.5	9.8	13.0	X	11.8	X	5.0	X	9.8	X
712	Museums, historical sites, and similar institutions	6.4	5.4	5.0	3.4	5.0	3.0	4.0	3.9	4.7	5.1	6.4	5.0	4.7
	Museums, historical sites, and similar institutions - tax-exempt	X	6.0	5.6	4.0	5.8	3.4	X	4.0	X	5.8	X	5.8	X
713	Amusement, gambling, and recreation industries	5.7	5.3	5.3	4.3	5.0	4.6	1.7	1.8	2.1	1.9	5.7	5.0	2.1
	Amusement, gambling, and recreation industries - taxable	X	5.8	5.8	5.1	5.7	5.2	X	1.7	X	2.3	X	5.7	X
	Amusement, gambling, and recreation industries - tax-exempt	X	8.1	7.5	6.7	9.1	7.9	X	5.3	X	2.8	X	9.1	X
7131	Amusement parks and arcades	X	4.5	5.2	4.0	4.8	3.8	X	3.1	X	3.0	X	4.8	X
7132	Gambling industries	X	10.8	12.1	11.5	11.6	11.3	X	2.3	X	2.2	X	11.6	X
7139	Other amusement and recreation industries	X	6.4	7.6	6.1	6.3	6.4	X	3.4	X	4.0	X	6.3	X
	Other amusement and recreation industries - taxable	X	7.0	9.2	7.6	7.8	7.9	X	4.6	X	6.9	X	7.8	X
	Other amusement and recreation industries - tax-exempt	X	8.1	7.5	6.7	9.1	7.9	X	5.3	X	2.8	X	9.1	X
721	Accommodation	2.8	3.5	3.5	3.5	2.7	3.3	0.8	0.5	1.2	1.3	2.8	2.7	1.2
7211	Traveler accommodation	X	3.5	3.5	3.4	2.7	3.2	X	0.5	X	1.3	X	2.7	X
7212	RV (recreational vehicle) parks and recreational camps	X	7.5	6.3	7.1	3.9	5.3	X	3.0	X	5.9	X	3.9	X
7213	Rooming and boarding houses	X	11.9	16.3	21.0	16.7	23.2	X	3.8	X	9.3	X	16.7	X
81	Other services (except public administration)	2.4	2.4	2.0	2.2	2.6	2.3	1.0	0.8	0.9	0.9	2.4	2.6	0.9
811	Repair and maintenance	5.0	4.4	3.9	3.6	3.7	3.9	1.6	1.3	1.8	1.0	5.0	3.7	1.8
8111	Automotive repair and maintenance	X	7.9	6.5	6.4	5.2	6.4	X	2.0	X	2.9	X	5.2	X
8112	Electronic and precision equipment repair and maintenance	X	21.6	16.7	17.1	14.2	14.4	X	3.6	X	5.2	X	14.2	X
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and	X	9.7	9.9	9.0	10.0	10.1	X	2.1	X	3.2	X	10.0	X
8114	Personal and household goods repair and maintenance	X	14.8	15.6	16.3	13.7	12.2	X	3.3	X	7.0	X	13.7	X
812	Personal and laundry services	4.5	4.1	4.3	4.5	4.7	3.6	0.9	1.1	2.0	1.4	4.5	4.7	2.0
8121	Personal care services	X	9.4	9.7	9.9	9.2	8.2	X	2.0	X	3.6	X	9.2	X
8122	Death care services	X	8.0	8.1	8.0	9.8	9.8	X	4.4	X	5.7	X	9.8	X
8123	Drycleaning and laundry services	X	10.2	9.5	9.5	9.4	8.7	X	0.9	X	4.4	X	9.4	X
8129	Other personal services	X	8.0	7.2	7.4	6.7	7.6	X	2.9	X	3.3	X	6.7	X
813	Religious, grantmaking, civic, professional, and similar organizations - tax-exempt	X	2.8	3.3	3.4	3.0	3.5	X	1.8	X	2.1	X	3.0	X

(a) Advance estimate. (r) Revised estimate. Z Absolute value is less than .05.

S Corresponding estimate in Table A4 does not meet publication standards because of high sampling variability, poor response quality or other concerns about the estimate's quality.

X Estimate in Table A4 is not available for advance release.

 Note: Estimated measures of sampling variability are based on data not adjusted for seasonal variation, and should be used when drawing inferences about both adjusted and not adjusted estimates. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/services/qss/cv.html.

EXPLANATORY NOTES

Survey Description

The U.S. Census Bureau conducts the Quarterly Services Survey to provide national estimates of quarterly revenue for employer firms located in the United States and classified in select service industries. The current total sample size is approximately 19,500 employer firms.

Each quarter, questionnaires are mailed to a probability sample of employer firms selected from the larger Service Annual Survey and Annual Retail Trade Survey samples. The QSS sample includes firms of all sizes and is updated on a quarterly basis to account for new services businesses, deaths, and other changes to the survey universe. Data for nonresponding firms are imputed based on data for similar-sized firms classified in the same kind of business. The following table lists imputation rates of total quarterly revenue for the industries published in the QSS:

2007 NAICS Code	Kind of Business	Imputation Rate of Total Quarterly Revenue (in %)
	Selected Services Total	28
22	Utilities	8
48-49	Transportation and warehousing	25
51	Information	21
52	Finance and insurance	18
53	Real estate and rental and leasing	37
54	Professional, scientific, and technical services	39
56	Administrative and support and waste management and remediation services	41
61	Educational services	47
62	Health care and social assistance	39
71	Arts, entertainment, and recreation	36
721	Accommodation	32
81	Other services (except public administration)	46

Quarterly revenue estimates are obtained by summing weighted data (either reported or imputed), where the weight for a particular unit is the reciprocal of its probability of being selected into the sample. The estimates are benchmarked using results of the latest SAS and ARTS. Additional information on the QSS can be found on the Census Bureau website at <www.census.gov/services/>.

Reliability of the Estimates

The estimates in this report may differ from the actual, but unknown, population values. For a particular estimate, statisticians define this difference as the total error of the estimate. When describing the accuracy

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of survey results, it is convenient to discuss total error as the sum of sampling error and nonsampling error. Nonsampling error is the difference between the actual population parameter and the value that would be derived by surveying the entire set of units identified as the survey universe (the sampling frame). There are many potential contributors to nonsampling error – the inclusion of erroneous units in the survey (overcoverage), the exclusion of eligible units from the survey (undercoverage), nonresponse, misreporting, mistakes in recording and coding responses, misinterpretation of questions, and other errors of collection, response, coverage, or processing. Though nonsampling error is not measured directly, the Census Bureau employs quality control procedures throughout the process to minimize this type of error. Sampling error is the average difference between the estimate and the result that would be obtained from a complete enumeration of the sampling frame conducted under the same survey conditions. This error occurs because only a subset of the entire sampling frame is measured in a sample survey. Common measures of sampling error are the sampling variance, the standard error, and the coefficient of variation. The sampling variance is defined as the squared difference, averaged over all possible samples of the same size and design, between the estimator and its average value. The standard error is the square root of the sampling variance. The CV expresses the standard error as a percentage of the estimate to which it refers. For example, an estimate of 200 units that has an estimated standard error of 10 units has an estimated CV of 5 percent. The sampling variance, standard error, and CV of an estimate can be estimated from the selected sample because the sample was selected using probability sampling. Standard errors and coefficients of variation are given in Tables A2 and A5 of this report.

The first page of this release gives statements about the change in revenue from a prior period. Each change estimate is accompanied by a number in parentheses, called the “margin of error.” The margin of error can be used to construct a 90-percent confidence interval, which is interpreted as follows. If, for each possible sample, an estimate and its approximate standard error are obtained, then for approximately 90 percent of the possible samples, the interval from 1.895 standard errors below to 1.895 standard errors above the estimate would include the average of the estimates derived from all possible samples. If, for example, a particular change estimate is +1.2 percent and its associated margin of error is ± 1.5 percentage points, then the 90-percent confidence interval for the change estimate is -0.3 percent to +2.7 percent. If the interval contains 0, then one does not have sufficient evidence to conclude at the 90-percent confidence level that the actual change is different from zero. Each comparison stated in this report has undergone statistical testing and is significant at the 90-percent confidence level, unless otherwise noted. Data users should take into account the estimates of sampling error and the potential effects of nonsampling error when using the statistics in this publication.

Additional information regarding the methodology used in conducting this survey is available at www.census.gov/services/qss/qsstechdoc.

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